

This listing of claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

Claim 1 (Currently Amended): A liquid crystal device comprising :

a pair of substrates;

electrodes formed on each one side of said substrates;

alignment films for homogeneous alignment, formed on said electrodes and facing each other by a uniform space; and

a liquid crystal material including liquid crystal molecules each having a negative dielectric anisotropy, said liquid crystal material filled in a gap formed between the alignment films such that said liquid crystal molecules are substantially vertically oriented with respect to said substrates by exposure to light illuminated from outside said substrates.

Claim 2 (Original): The liquid crystal device according to Claim 1, wherein polarizers are disposed on each of the other side of said substrates and longer axes of said liquid crystal molecules form about 45 degrees to polarization axes of the polarizers.

Claim 3 (Canceled).

Claim 4 (Original): The liquid crystal device according to Claim 3, wherein said alignment films are polyimide films for homogeneous alignment.

Claim 5 (Currently Amended): A liquid crystal device comprising :

a pair of substrates;

electrodes formed on each one side of said substrates;

alignment films for homogeneous alignment, formed on said electrodes and facing each

other by a uniform space; and
a liquid crystal material including liquid crystal molecules each having a negative dielectric anisotropy, said liquid crystal material filled in a gap formed between the alignment films such that said liquid crystal molecules are substantially vertically oriented with respect to said substrates by exposure to light illuminated from outside said substrates, wherein a domain of said liquid crystal device is divided by light exposure using masks in prescribed regions.

Claim 6 (Original): The liquid crystal device according to Claim 5, wherein polarizers are disposed on each of the other side of said substrates and longer axes of said liquid crystal molecules form about 45 degrees to polarization axes of the polarizers.

Claim 7 (Canceled).

Claim 8 (Original): The liquid crystal device according to Claim 7, wherein said alignment films are polyimide films for homogeneous alignment.

Claim 9 (Withdrawn): A method for fabricating a liquid crystal device including the steps of:

forming desired electrodes on each one side of substrates;
forming alignment films for homogeneous alignment, formed on said electrodes and facing each other by a uniform space;
filling a liquid crystal material including liquid crystal molecules each having a negative dielectric anisotropy in a gap formed between the alignment films; and exposing the liquid crystal molecules filled between said substrates to light.

Claim 10 (Withdrawn): The method for fabricating a liquid crystal device according to Claim 9, wherein said step of exposing liquid crystal molecules to light is used for controlling liquid crystal molecules so that said liquid molecules may be vertically oriented with respect to said substrates.

Claim 11 (Withdrawn): The method for fabricating a liquid crystal device according to Claim 9, wherein said step of exposing liquid crystal molecules to light is used for illuminating said liquid crystal material from either or both sides of said substrates.

Claim 12 (Withdrawn): The method for fabricating a liquid crystal device according to Claim 9, further including step of cutting light with wavelengths of 400 nm or less and/or 600 nm or more before said step of exposing liquid crystal molecules to light.

Claim 13 (Withdrawn): The method for fabricating a liquid crystal device according to Claim 12, wherein said light used for exposure includes a wavelength in a range from 400 nm to 450 nm.

Claim 14. (Withdrawn) A method for fabricating a liquid crystal device including the steps of:

forming desired electrodes on each one side of substrates;

forming alignment films for homogeneous alignment, formed on said electrodes and facing each other by a uniform space;

filling a liquid crystal material including liquid crystal molecules each having a negative dielectric anisotropy in a gap formed between the alignment films; and exposing the liquid crystal molecules filled between said substrates to light by disposing masks in a prescribed region of either or both sides of each of the substrates.

Claim 15 (Withdrawn): The method for fabricating a liquid crystal device according to Claim 14, wherein said step of exposing liquid crystal molecules to light is used for controlling liquid crystal molecules so that said liquid crystal molecules may be vertically oriented with respect to said substrates.

Claim 16 (Withdrawn): The method for fabricating a liquid crystal device according to Claim 14, wherein said step of exposing liquid crystal molecules to light is used for illuminating said liquid crystal material from either or both sides of said substrates.

Claim 17 (Withdrawn): The method for fabricating a liquid crystal device according to Claim 14, further including a step of cutting light with wavelengths of 400 nm or less and/or 600 nm or more before said step of exposing liquid crystal molecules to light.

Claim 18 (Withdrawn): The method for fabricating a liquid crystal device according to Claim 17, wherein said light used for exposure includes a wavelength in a range from 400 nm to 450 nm.

Claim 19 (Withdrawn): The method for fabricating a liquid crystal device according to

Claim 14, wherein said masks include half-tone masks.

Claim 20 (Withdrawn): A fabricating apparatus for a liquid crystal device comprising:
a pair of substrates,
electrodes formed on each one side of said substrates;
alignment films for homogeneous alignment, formed on said electrodes and facing each other by a uniform space; and
a liquid crystal material including liquid crystal molecules each having a negative dielectric anisotropy, said liquid crystal material filled in a gap formed between the alignment films, wherein the fabricating apparatus includes exposing means for exposing said liquid crystal material to light from either or both sides of said substrates.

Claim 21 (Withdrawn): The fabricating apparatus for a liquid crystal device according to Claim 20, wherein said exposing means emits light having a wavelength in a range from about 400 nm to 450 nm.

Claim 22 (Withdrawn): The fabricating apparatus for a liquid crystal device according to Claim 20, wherein said exposing means is equipped with a filter for cutting wavelengths to 400 nm or less and/or 600 nm or more.

Claim 23 (Withdrawn): A fabricating apparatus for a liquid crystal device comprising:
a pair of substrates,
electrodes formed on each one side of said substrates;
alignment films for homogeneous alignment, formed on said electrodes and facing each other by a uniform space; and
a liquid crystal material including liquid crystal molecules each having a negative dielectric anisotropy, said liquid crystal material filled in a gap formed between the alignment films, wherein the fabricating apparatus includes means for disposing masks in a prescribed region of either or both sides of said substrates and exposing means for exposing said liquid crystal material to light from either or both sides of the substrates.

Claim 24 (Withdrawn): The fabricating apparatus for a liquid crystal device according to

Claim 23, wherein said exposing means emits light having a wavelength in a range from 400 to 450 nm.

Claim 25 (Withdrawn): The fabricating apparatus for a liquid crystal device according to Claim 23, wherein said exposing means is equipped with a filter for cutting wavelengths of 400 nm or less and/or 600 nm or more.

Claim 26 (Withdrawn): The fabricating apparatus for a liquid crystal device according to Claim 23, wherein said masks include half-tone masks.